

## WHAT IS CLAIMED IS:

- 1           1.     A method for providing one click printing, comprising:  
2           providing a document identifier for a document to a print job acceptor using a  
3     single user action; and  
4           acquiring and printing the document by the print job acceptor based upon the  
5     provided document identifier.
- 1           2.     The method of claim 1 wherein the document identifier comprises a  
2     uniform resource locator.
- 1           3.     The method of claim 2 wherein the single user action comprises  
2     clicking on the uniform resource locator.
- 1           4.     The method of claim 3 wherein the providing comprises sending the  
2     uniform resource locator to the print job acceptor.
- 1           5.     The method of claim 2 wherein the single user action comprises  
2     displaying a context menu associated with the uniform resource locator and  
3     selecting to direct print the document identified by the uniform resource locator using  
4     a single operation of a cursor control device.
- 1           6.     The method of claim 5 wherein the providing comprises sending the  
2     uniform resource locator to the print job acceptor based upon the selection of the  
3     direct print of the document.

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1           7.     The method of claim 5 wherein cursor control device comprises a  
2 computer mouse and the single operation comprises depressing a mouse button to  
3 cause the context menu to be displayed and releasing the mouse button with the  
4 cursor positioned over a direct print menu selection to cause the direct print of the  
5 document identified by the uniform resource locator to be selected.

1           8.     The method of claim 1 further comprising configuring an application for  
2 one click printing prior to providing a document identifier.

1           9.     The method of claim 8 wherein the configuring an application for one  
2 click printing comprises installing an application plug-in for interpreting the user  
3 actions.

1           10.    The method of claim 9 wherein the installing further comprises  
2 selecting a print job acceptor for providing one click printing.

1           11.    The method of claim 9 wherein the installing further comprises  
2 displaying a menu for selecting a print job acceptor for providing one click printing.

1           12.    The method of claim 1 wherein the installing further comprises sending  
2 a query to all print job acceptors to determine whether a print job acceptor supports  
3 direct printing.

1           13.    The method of claim 1 wherein the providing a document identifier for  
2   a document to a print job acceptor using a single user action further comprises  
3   selecting a document, determining whether the selected document can be handled  
4   by the print job acceptor and submitting the document identifier to the print job  
5   acceptor for acquiring and printing the document when the document can be  
6   handled by the print job acceptor.

1           14.    The method of claim 13 further comprising determining whether a plug-  
2   in for handling the data is installed and submitting the document identifier to the print  
3   job acceptor for acquiring and printing the document when the plug-in for handling  
4   the document is installed.

1           15.    The method of claim 14 further comprising displaying a menu for  
2   selecting viewing or printing the document when the plug-in for handling the  
3   document is installed.

1           16.    A plug-in for providing one click printing, comprising:  
2           an analyzer for analyzing a position of a cursor to obtain a document identifier  
3 associated with a document to be printed;  
4           an interpreter for interpreting a user's actions to determine when the user has  
5 selected to print a document associated with the document identifier using a single  
6 user action; and  
7           a pull print requester for sending the obtained document identifier to a print  
8 job acceptor when the interpreter has determined that the user has selected to print  
9 a document associated with the document identifier using a single user action.

1           17.    The plug-in of claim 16 wherein the pull print request causes a print job  
2 acceptor to acquire and print the document based upon the provided document  
3 identifier.

1           18.    The plug-in of claim 16 wherein the document identifier comprises a  
2 uniform resource locator.

1           19.    The plug-in of claim 18 wherein the single user action comprises  
2 clicking on the uniform resource locator.

1           20.    The plug-in of claim 19 wherein the pull print requester sends the  
2 uniform resource locator to the print job acceptor.

1           21.    The plug-in of claim 18 wherein the interpreter displays a context menu  
2 associated with the uniform resource locator and interprets a user's single operation  
3 of a cursor control device to direct print the document identified by the uniform  
4 resource locator.

1           22.    The plug-in of claim 21 wherein the pull print requester sends the  
2 uniform resource locator to the print job acceptor based upon the user's single  
3 operation of the cursor control device to direct print the document.

1           23.    The plug-in of claim 21 wherein cursor control device comprises a  
2 computer mouse and the single operation comprises depressing a mouse button to  
3 cause the context menu to be displayed and releasing the mouse button with the  
4 cursor positioned over a direct print menu selection to cause the direct print of the  
5 document identified by the uniform resource locator to be selected.

1           24.    An article of manufacture comprising a program storage medium  
2 readable by a computer, the medium tangibly embodying one or more programs of  
3 instructions executable by the computer to perform a method for providing one click  
4 printing, the method comprising:

5           providing a document identifier for a document to a print job acceptor using a  
6 single user action; and

7           acquiring and printing the document by the print job acceptor based upon the  
8 provided document identifier.

1           25.    The article of manufacture of claim 24 wherein the document identifier  
2 comprises a uniform resource locator.

1           26.    The article of manufacture of claim 24 wherein the single user action  
2 comprises clicking on the uniform resource locator.

1           27.    The article of manufacture of claim 26 wherein the providing comprises  
2 sending the uniform resource locator to the print job acceptor.

1           28.    The article of manufacture of claim 25 wherein the single user action  
2 comprises displaying a context menu associated with the uniform resource locator  
3 and selecting to direct print the document identified by the uniform resource locator  
4 using a single operation of a cursor control device.

1           29.    The article of manufacture of claim 28 wherein the providing comprises  
2 sending the uniform resource locator to the print job acceptor based upon the  
3 selection of the direct print of the document.

1           30.    The article of manufacture of claim 28 wherein cursor control device  
2 comprises a computer mouse and the single operation comprises depressing a  
3 mouse button to cause the context menu to be displayed and releasing the mouse  
4 button with the cursor positioned over a direct print menu selection to cause the  
5 direct print of the document identified by the uniform resource locator to be selected.

1           31.    The article of manufacture of claim 24 further comprising configuring  
2 an application for one click printing prior to providing a document identifier.

1           32.    The article of manufacture of claim 31 wherein the configuring an  
2   application for one click printing comprises installing an application plug-in for  
3   interpreting the user actions.

1           33.    The article of manufacture of claim 32 wherein the installing further  
2   comprises selecting a print job acceptor for providing one click printing.

1           34.    The article of manufacture of claim 32 wherein the installing further  
2   comprises displaying a menu for selecting a print job acceptor for providing one click  
3   printing.

1           35.    The article of manufacture of claim 24 wherein the installing further  
2   comprises sending a query to all print job acceptors to determine whether a print job  
3   acceptor supports direct printing.

1           36.    The article of manufacture of claim 24 wherein the providing a  
2   document identifier for a document to a print job acceptor using a single user action  
3   further comprises selecting a document, determining whether the selected document  
4   can be handled by the print job acceptor and submitting the document identifier to  
5   the print job acceptor for acquiring and printing the document when the document  
6   can be handled by the print job acceptor.

1           37.    The article of manufacture of claim 36 further comprising determining  
2   whether a plug-in for handling the document is installed and submitting the  
3   document identifier to the print job acceptor for acquiring and printing the document  
4   when the plug-in for handling the document is installed.

1           38.    The article of manufacture of claim 37 further comprising displaying a  
2   menu for selecting viewing or printing the document when the plug-in for handling  
3   the document is installed.

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